

FIG. 1

SSI

## ROUND TANK WITH FULL DIFFUSERS FORM

X

ROUND TANK WITH FULL DIFFUSERSNO :  SEARCH DATE : 

## DIFFUSER TYPES

9" DISC  
 12" DISC  
 91 X 1000 TUBE <--10  
 62 X 1000 TUBE  
 62 X 610 TUBE

1 -> DIAMETER OF THE TANK : <input type="text" value="10"/> mt	DIFFUSER DENSITY : <input type="text" value="12"/> % <--5
2 -> DEPTH OF THE TANK : <input type="text" value="6"/> mt	DROP PIPE DIAMETER : <input type="text" value="114"/> <--6
3 -> FREE BOARD : <input type="text" value="0.5"/> mt	HEADER DIAMETER : <input type="text" value="114"/> <--7
4 -> DIFFUSER ELEVATION FROM FLOOR : <input type="text" value="0.2"/> mt	MANIFOLD DIAMETER : <input type="text" value="114"/> <--8
	NO OF HEADER ROWS(GIVE 2 TO 50) : <input type="text" value="5"/> <--9

FIG. 2a

SSI

## RECTANGULAR TANK WITH FULL DIFFUSERS

RECTANGULAR TANK WITH FULL DIFFUSERS  
WORK ORDER NO :  SEARCH DATE : 9/13/2004 4:37:20 PM

## DIFFUSER TYPES

9" DISC  
 12" DISC <--10  
 91 X 1000 TUBE  
 62 X 1000 TUBE  
 62 X 610 TUBE

19--&gt; LENGTH OF THE TANK :

mt

DIFFUSER DENSITY :

%

&lt;--.5

20--&gt; WIDTH OF THE TANK :

mt

DROP PIPE DIAMETER :

114

&lt;--.6

2--&gt; DEPTH OF THE TANK :

mt

HEADER DIAMETER :

114

&lt;--.7

3--&gt; FREE BOARD :

mt

MANIFOLD DIAMETER :

114

&lt;--.8

4--&gt; DIFFUSER ELEVATION FROM FLOOR :

mt

NO OF HEADER ROWS :

6

&lt;--.9

SAVE

DRAW

CLOSE

FIG. 2b

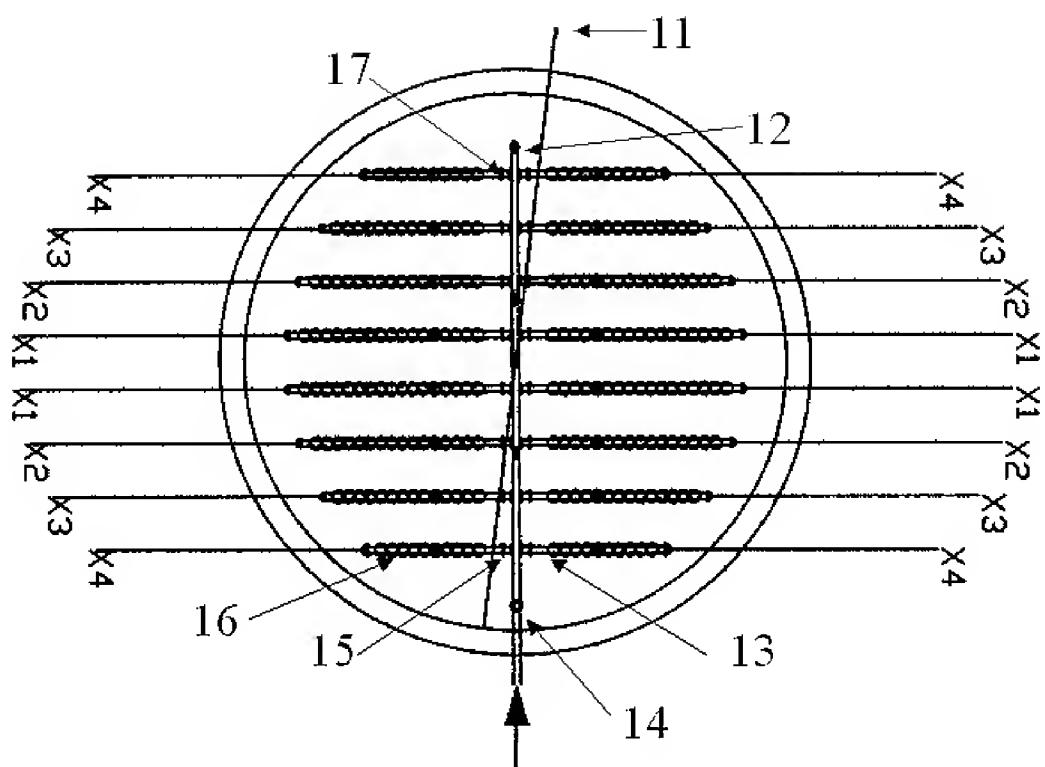


FIG. 3

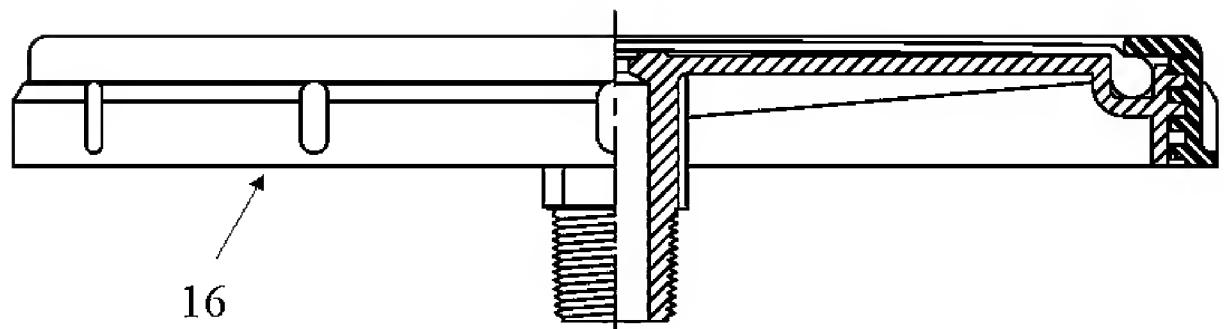


FIG. 4

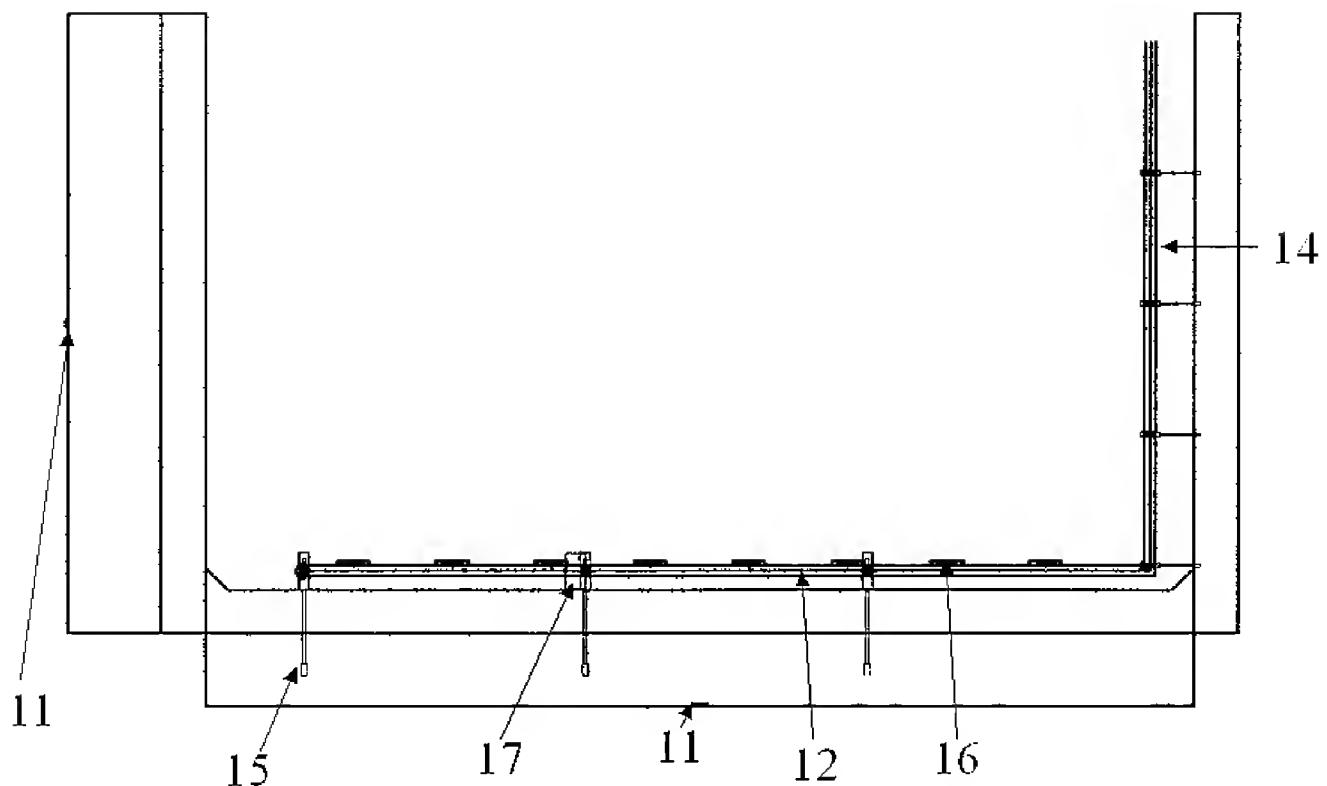


FIG. 5

INPUT DETAILS		
WONO : 12345	DATE : 8/27/2004 4:00:14 PM	
1	SIZE OF TANK	10000MM <sup>2</sup>
2	DIFFUSER TYPE	AFD270-9INCH
3	DEPTH OF TANK	6000MM
4	FREE BOARD	500MM
5	DIFFUSER ELEVATION	200MM
6	DIFFUSER DENSITY	12%
7	HEADER PIPE DIA	114MM
8	MANIFOLD DIA	114MM
9	DROP PIPE DIA	114MM
10	NO OF HEADER ROWS	8

FIG. 6

OUTPUT DETAILS						TOTAL NO OF DIFFUSERS : <b>228</b>
WONO : <b>12345</b>	DATE : <b>8/27/2004 4:00:14 PM</b>					
PIPE	LENGTH (MM)	NO'S	NO OF DIFF'S	NO OF SUPPORTS	NO OF EJ'S	DIFFUSER SPACING <b>199MM</b>
MANIFOLD PIPE	<b>1000MM</b>	<b>1</b>	---	<b>3</b>	<b>1</b>	NO OF SUPPORTS IN HEADER PIPE : <b>148</b>
DROP PIPE	<b>5443MM</b>	<b>1</b>	----	<b>4</b>	----	NO OF SUPPORTS IN MANIFOLD PIPE : <b>3</b>
HEADER PIPES						NO OF SUPPORTS IN DROP PIPE : <b>4</b>
X1	<b>3675MM</b>	<b>4</b>	<b>72</b>	<b>12</b>	<b>0</b>	NO OF EJ'S IN HEADER PIPE : <b>0</b>
X2	<b>3470MM</b>	<b>4</b>	<b>68</b>	<b>12</b>	<b>0</b>	NO OF EJ'S IN MANIFOLD PIPE : <b>1</b>
X3	<b>3030MM</b>	<b>4</b>	<b>60</b>	<b>12</b>	<b>0</b>	
X4	<b>2271MM</b>	<b>4</b>	<b>44</b>	<b>12</b>	<b>0</b>	

FIG. 7

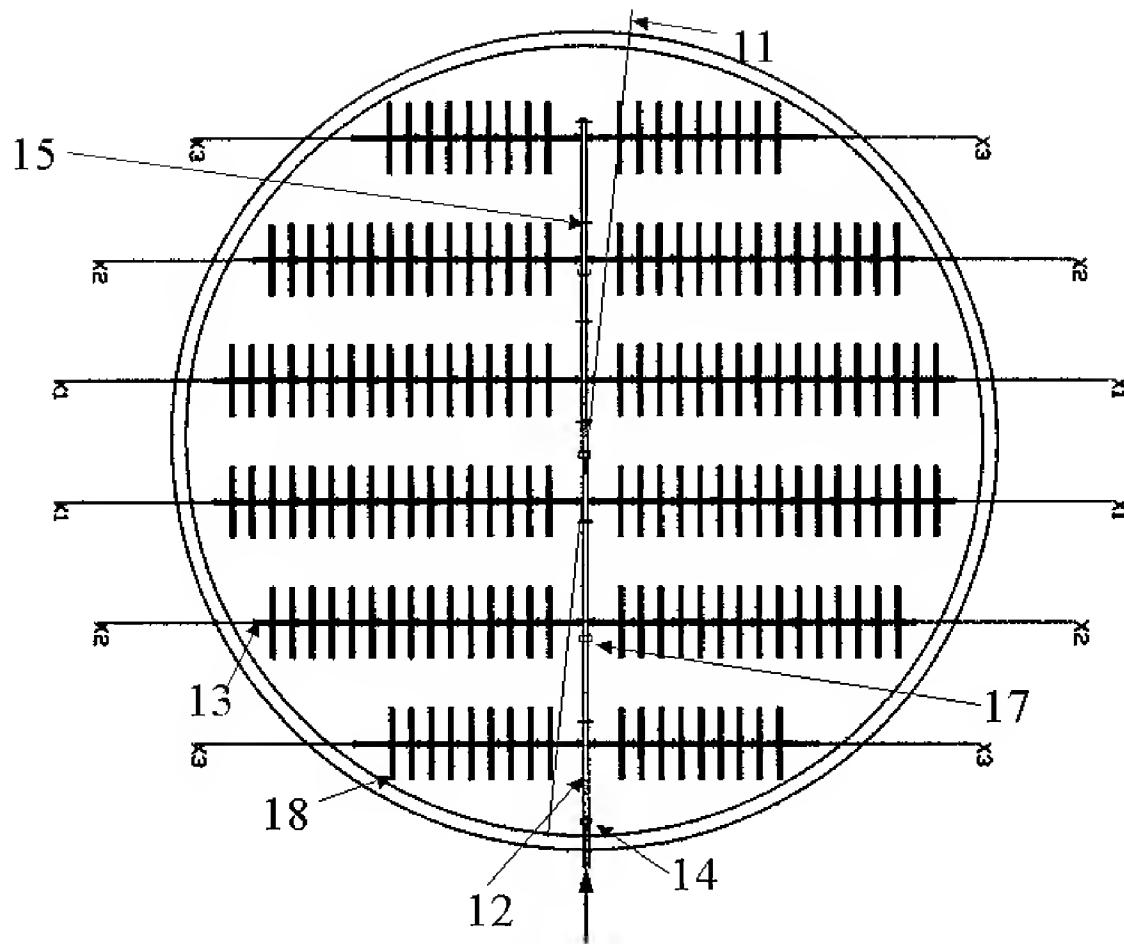


FIG. 8

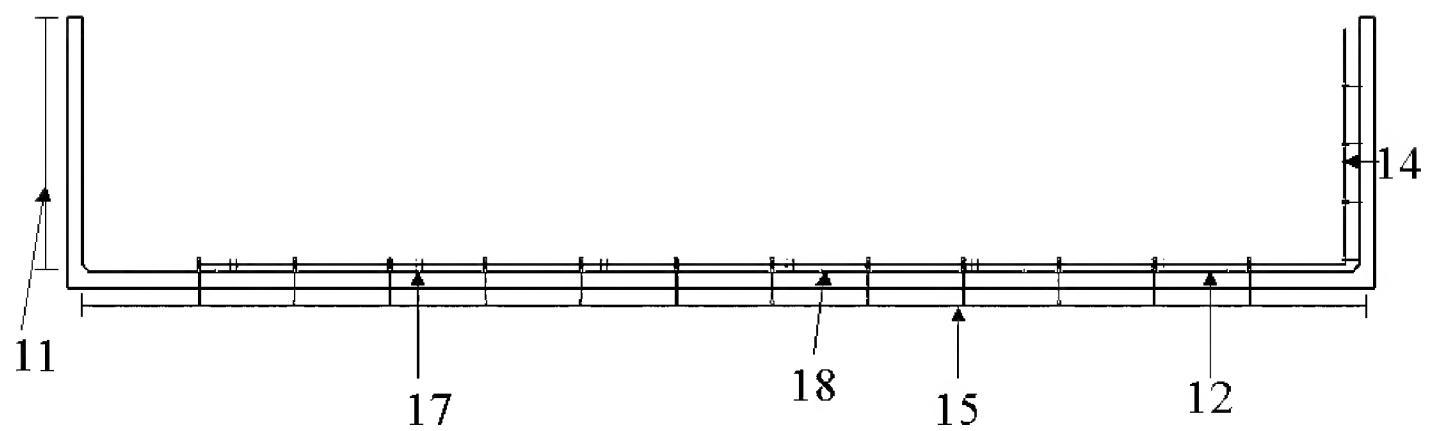


FIG. 9

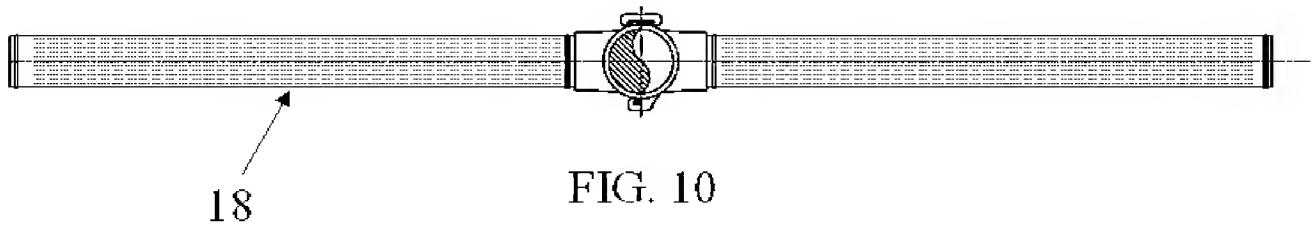


FIG. 10

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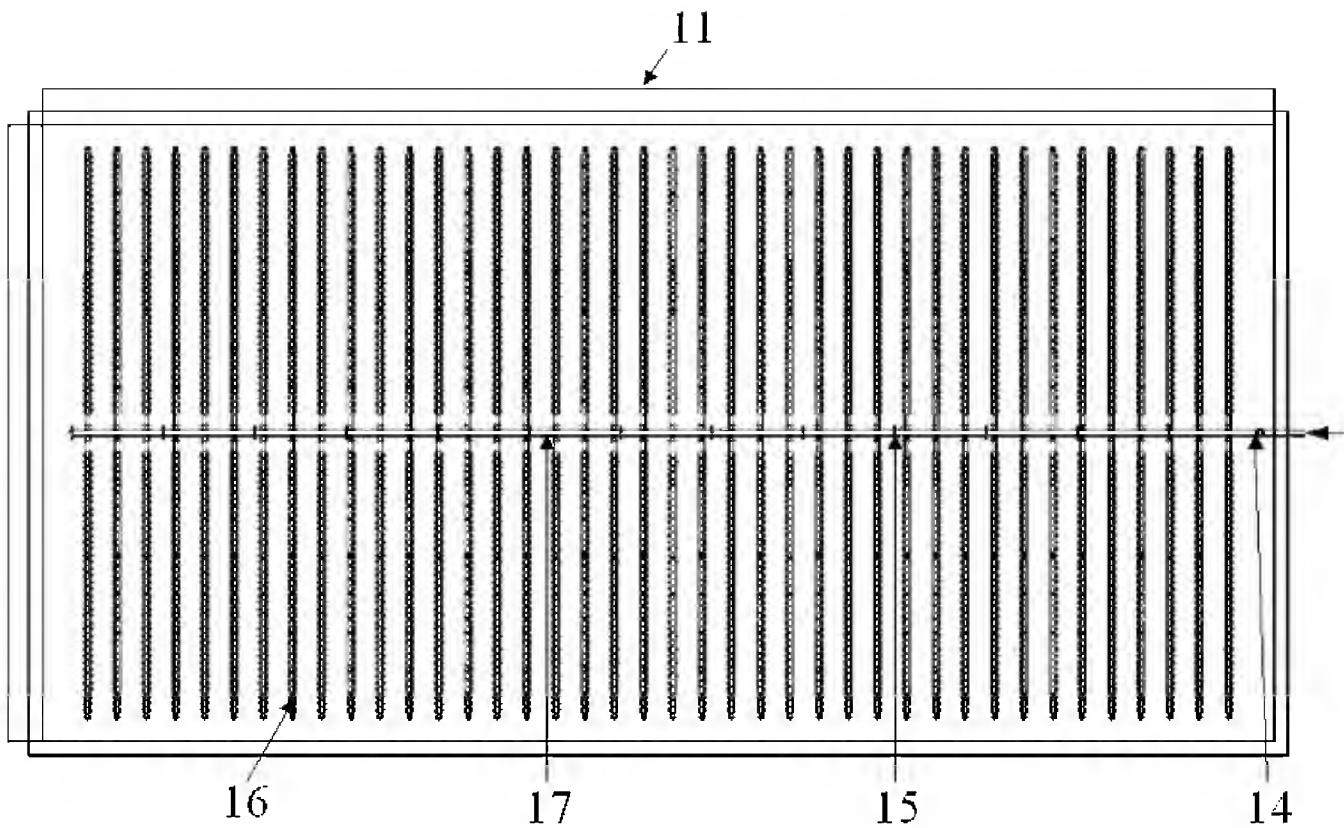


FIG. 11

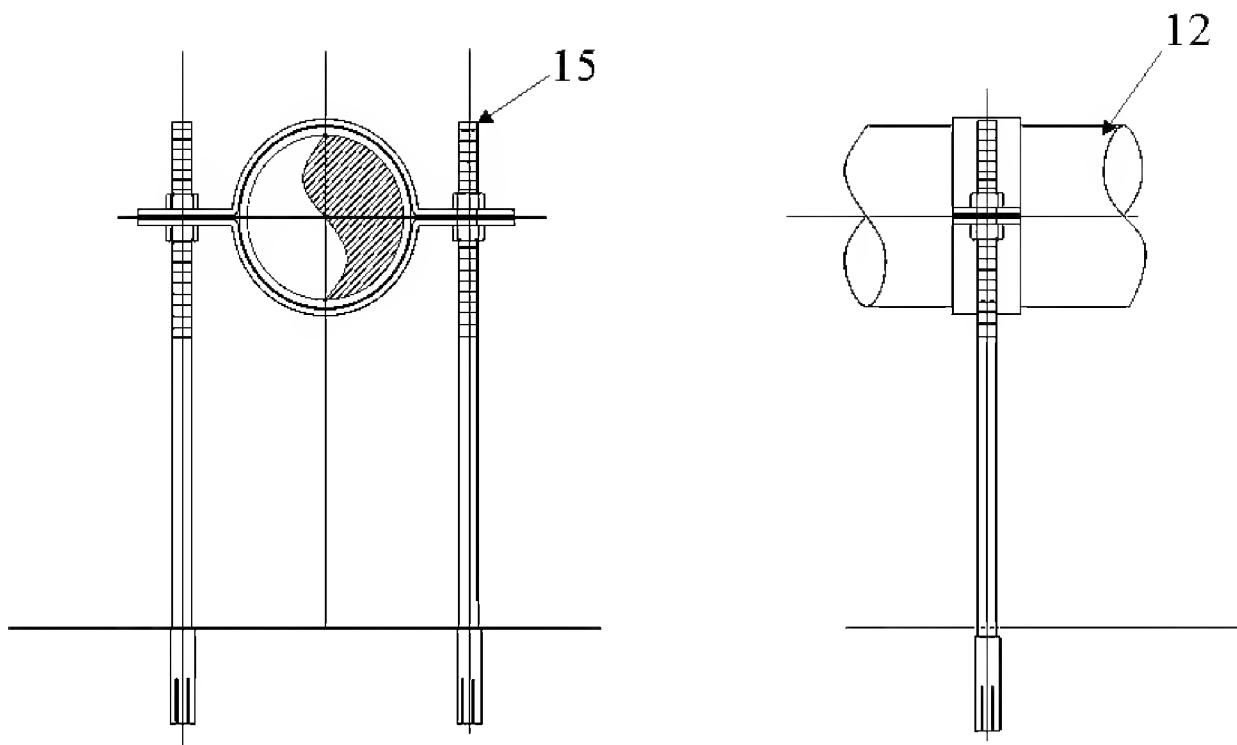


FIG. 12

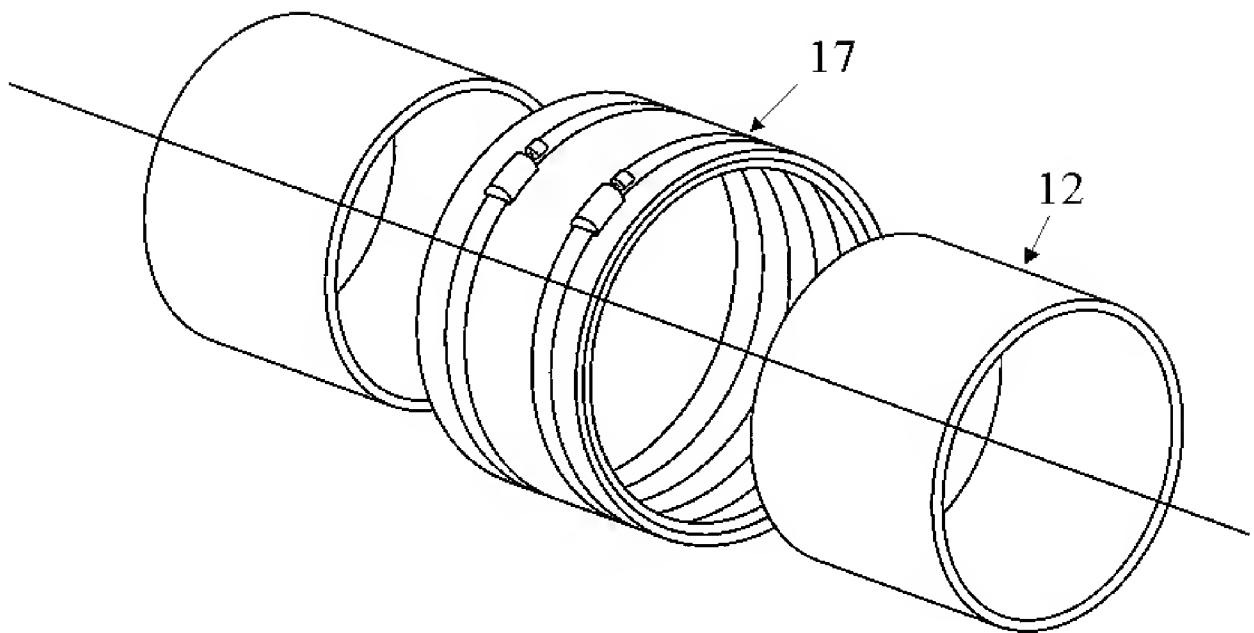


FIG. 13

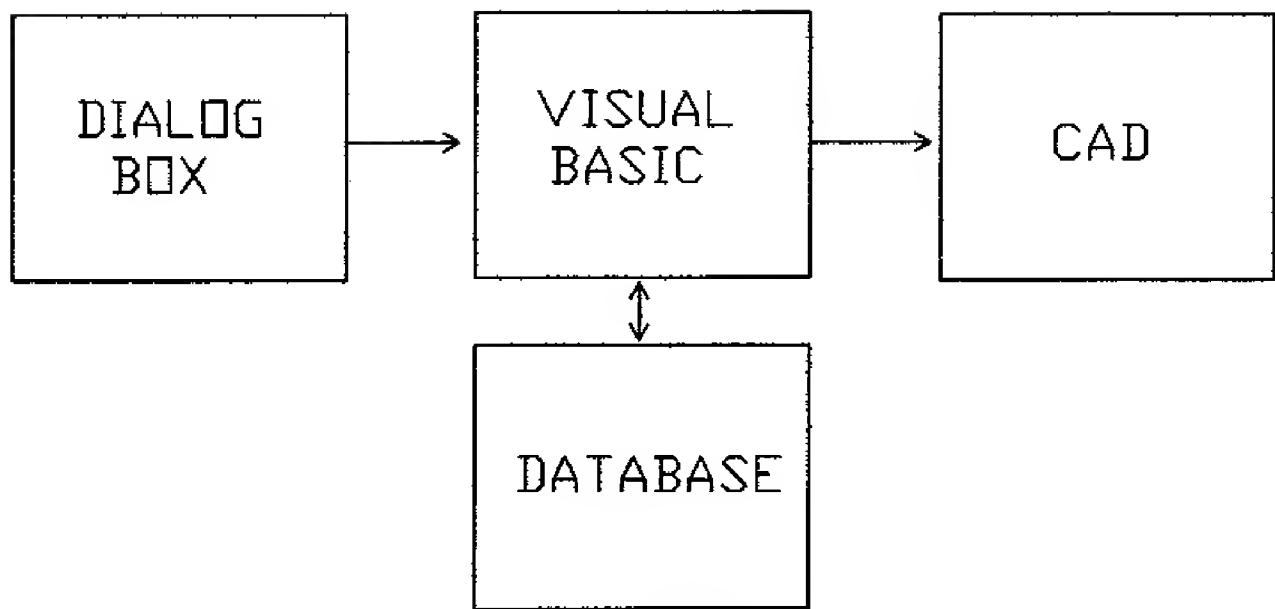


FIG. 14

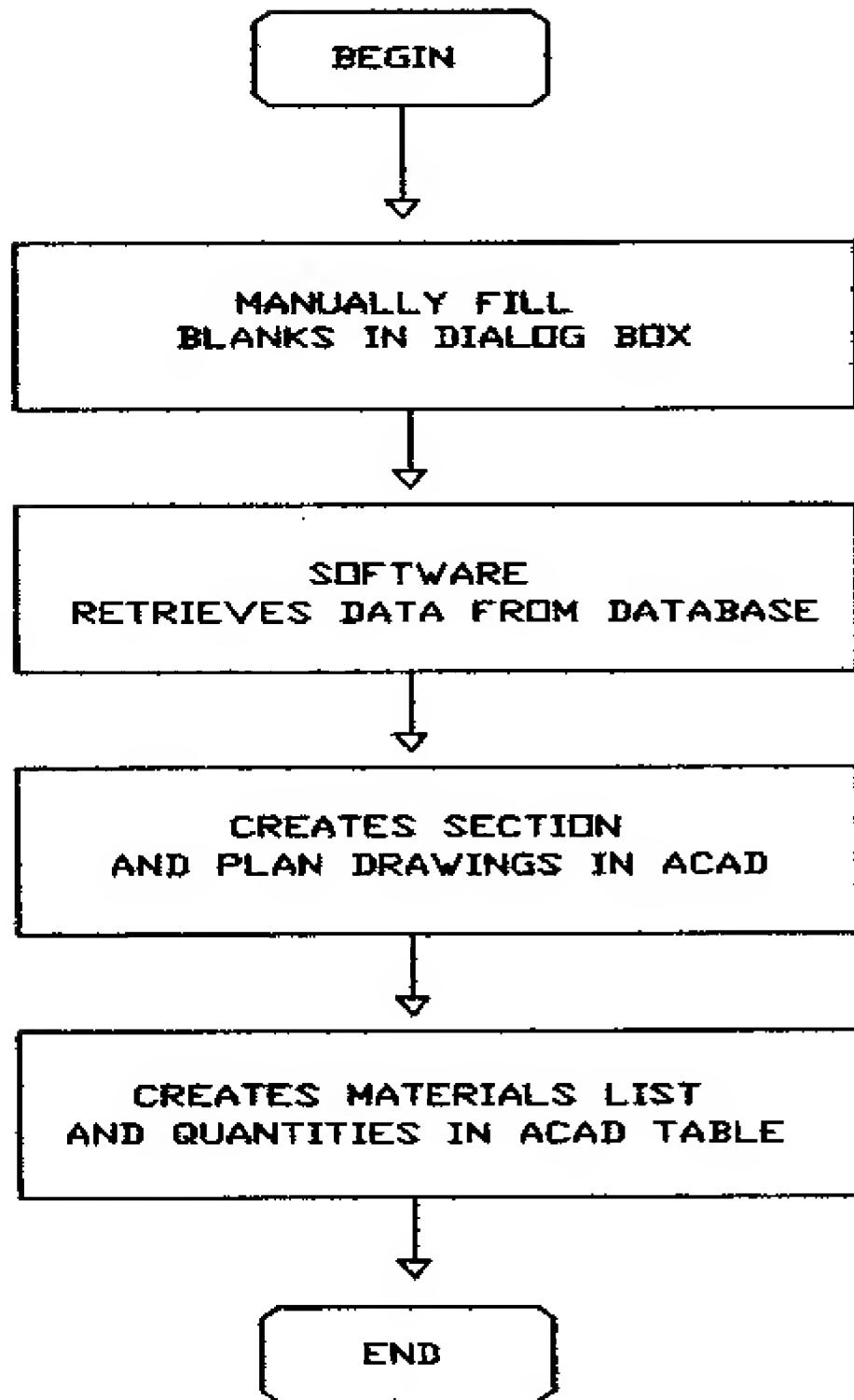


FIG. 15

